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LISTING OF THE CLAIMS

1 1. (Previously Amended) A method for performing call
2 classification for a destination endpoint on a call, comprising the
3 steps of:
4 receiving audio information from the destination
5 endpoint;
6 analyzing using automatic speech recognition analysis
7 calculations the received audio information for words;
8 analyzing using the automatic speech recognition
9 analysis calculations the received audio information for; and
10 determining a call classification for the destination
11 endpoint in response to the analysis of the words and the
12 analysis of the tones.

1 2. (Canceled).

1 3. (Canceled).

1 4. (Previously Amended) The method of claim 1
2 wherein the analysis for tones is analyzing the audio
3 information for identifying a set of tones.

1 5. (Canceled)

1 6. (Previously Amended) The method of claim 1
2 wherein the step of analyzing for words is responsive to the

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3 audio information to enable the step of executing a Hidden
4 Markov Model to determine the presence of words in the audio
5 information.

1 7. (Original) The method of claim 6 wherein the step
2 of executing comprises the step of using a grammar for speech.

1 8. (Previously Amended) The method of claim 6
2 wherein the step of analyzing for tones is responsive to the
3 audio information to enable the step of executing a Hidden
4 Markov Model to determine the presence of tones in the audio
5 information.

1 9. (Original) The method of claim 8 wherein the step
2 of executing comprises the step of using a grammar for tones.

1 10. (Original) The method of claim 8 wherein the step
2 of determining comprises the step of executing an inference
3 engine.

1 11. (Currently Amended) A method for performing call
2 classification for a destination endpoint on a call, comprising the
3 steps of:
4 receiving audio information from the destination
5 endpoint;
6 detecting for speech in received audio information;

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7 analyzing using automatic speech recognition the
8 received audio information for words in response to the
9 detection of speech indicating a presence of speech;
10 analyzing using automatic speech recognition the
11 received audio information for tones in response to the
12 ~~detection of speech indicating an absence of no speech being~~
13 detected; and
14 determining a call classification for the destination
15 endpoint in response to the analysis of words or the analysis of
16 tones.

1 12. (Original) The method of claim 11 wherein the
2 step of analyzing for speech comprises the step of executing a
3 Hidden Markov Model to determine the presence of words in
4 the audio information.

1 13. (Original) The method of claim 12 wherein the
2 step of executing comprises the step of using a grammar for
3 speech.

1 14. (Original) The method of claim 12 wherein the
2 step of analyzing for tones comprises the step of executing a
3 Hidden Markov Model to determine the presence of tones in the
4 audio information.

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1 15. (Original) The method of claim 14 wherein the
2 step of executing comprises the step of using a grammar for
3 tones.

1 16. (Original) The method of claim 15 wherein the
2 step of determining comprises the step of executing an
3 inference engine.

1 17. (Previously Amended) A method for performing
2 call classification by an automatic speech recognition unit to a
3 destination endpoint on a call, comprising the steps of:
4 receiving audio information from the destination
5 endpoint by the automatic speech recognition unit;
6 analyzing using automatic speech recognition analysis
7 calculations the received audio information for words by the
8 automatic speech recognition unit;
9 analyzing using the automatic speech recognition
10 analysis calculations the received audio information for tones
11 by the recognition unit; and
12 determining a call classification for the destination
13 endpoint in response to the analysis for words and the analysis
14 for tones by the automatic speech recognition unit.

1 18. (Canceled).

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1 19. (Currently Amended) The method of claim 17 18
2 wherein the analyzed words are formed as phrases.

1 20. (Withdrawn)

1 21. (Canceled).

1 22. (Previously Amended) The method of claim 17
2 wherein the step of analyzing for words is responsive to the
3 audio information to enable the step of executing a Hidden
4 Markov Model to determine the presence of words in the audio
5 information.

1 23. (Original) The method of claim 22 wherein the
2 step of executing comprises the step of using a grammar for
3 speech.

1 24. (Previously Amended) The method of claim 22
2 wherein the step of analyzing for words is responsive to the
3 audio information to enable the step of executing a Hidden
4 Markov Model to determine the presence of tones in the audio
5 information.

1 25. (Original) The method of claim 24 wherein the
2 step of executing comprises the step of using a grammar for
3 tones.

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1 26. (Original) The method of claim 24 wherein the
2 step of determining comprises the step of executing an
3 inference engine.

1 27. (Previously Amended) A call classifier for
2 determining the call classification of a called destination
3 endpoint, comprising:
4 an automatic speech recognizer for identifying words
5 in audio information received from the called destination
6 endpoint;
7 the automatic speech recognizer further identifying
8 tones in the audio information received from the called
9 destination endpoint; and
10 inference engine for classifying the call in response to
11 the automatic speech recognizer.

1 28. (Canceled).

1 29. (Previously Amended) The call classifier of claim 27
2 wherein the words are formed into phrases.

1 30. (Withdrawn)

1 31. (Previously Presented) The call classifier of claim
2 27 wherein the automatic speech recognizer is executing a
3 Hidden Markov Model.